

FIG. 1

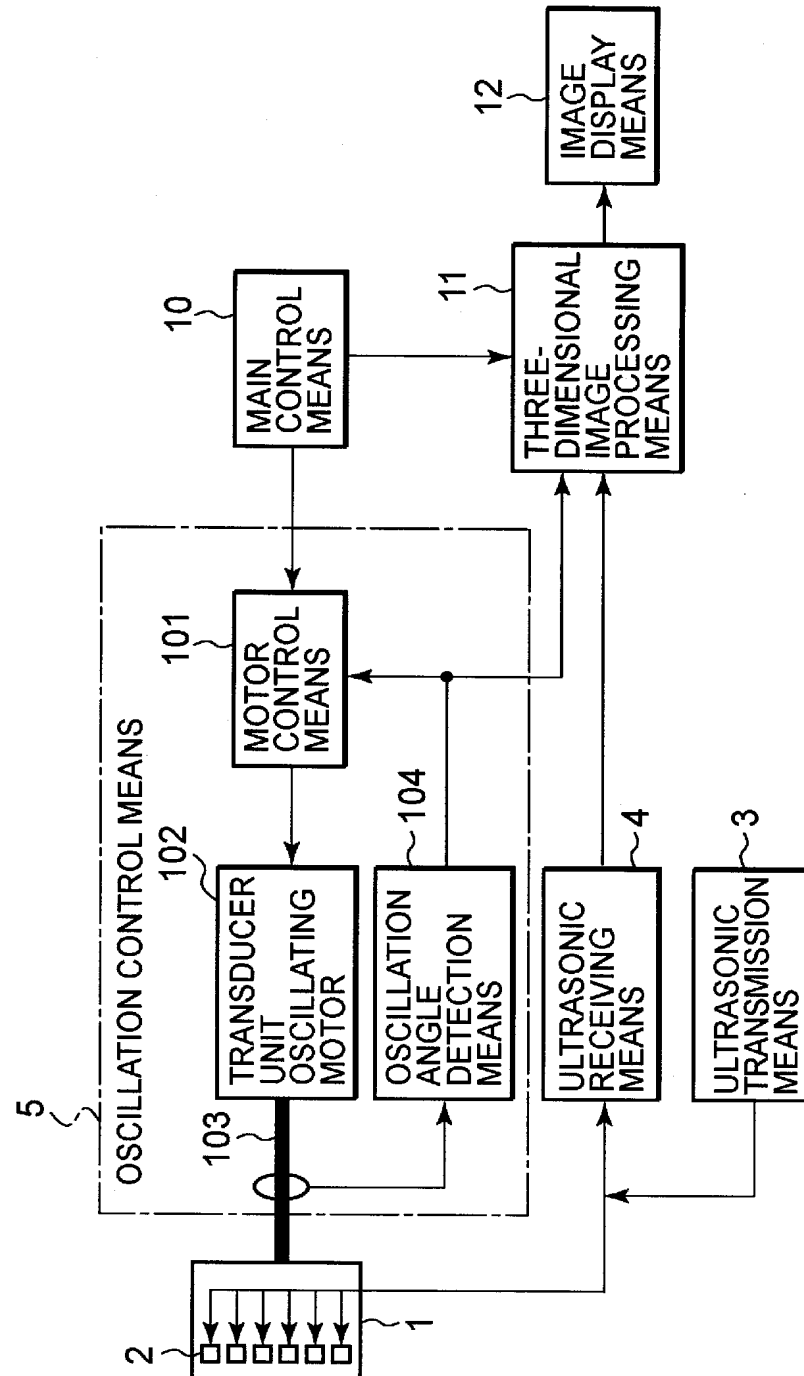
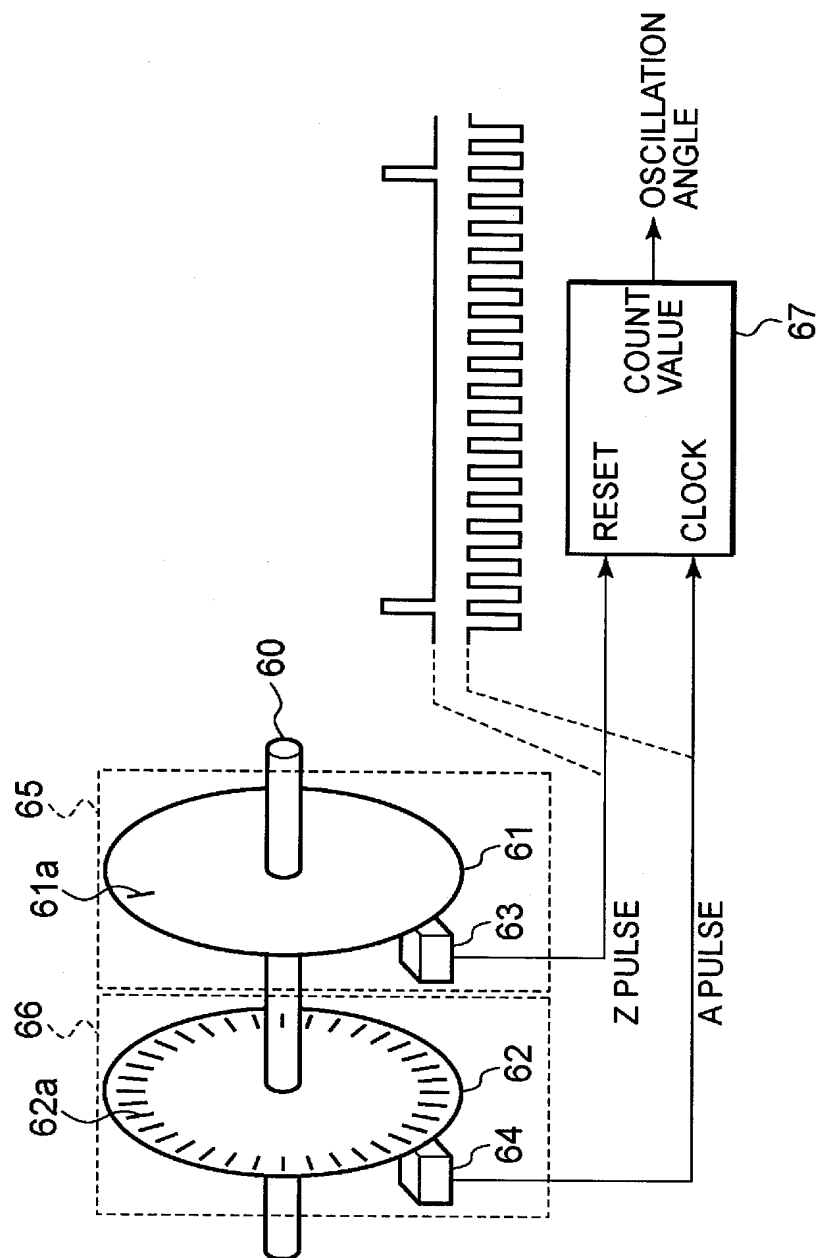


FIG. 2



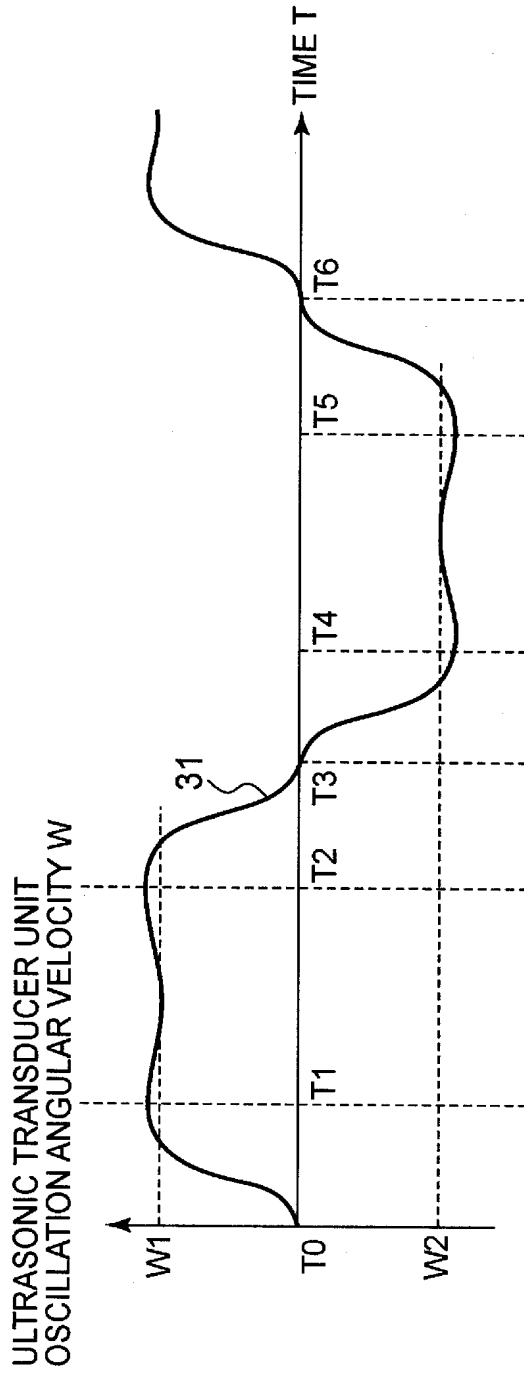


FIG. 3A

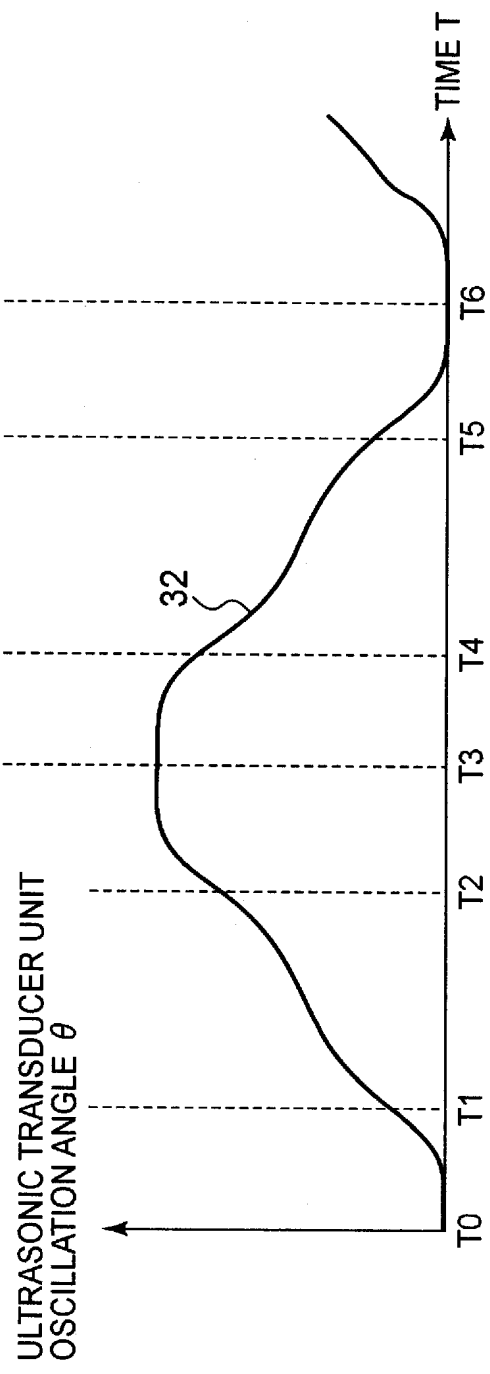


FIG. 3B

FIG. 4

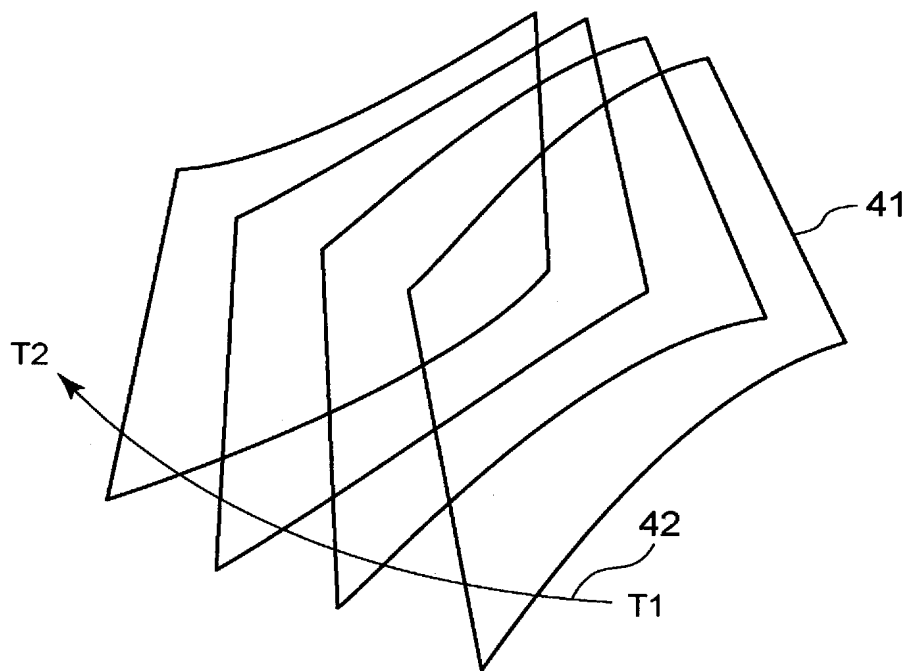


FIG. 5

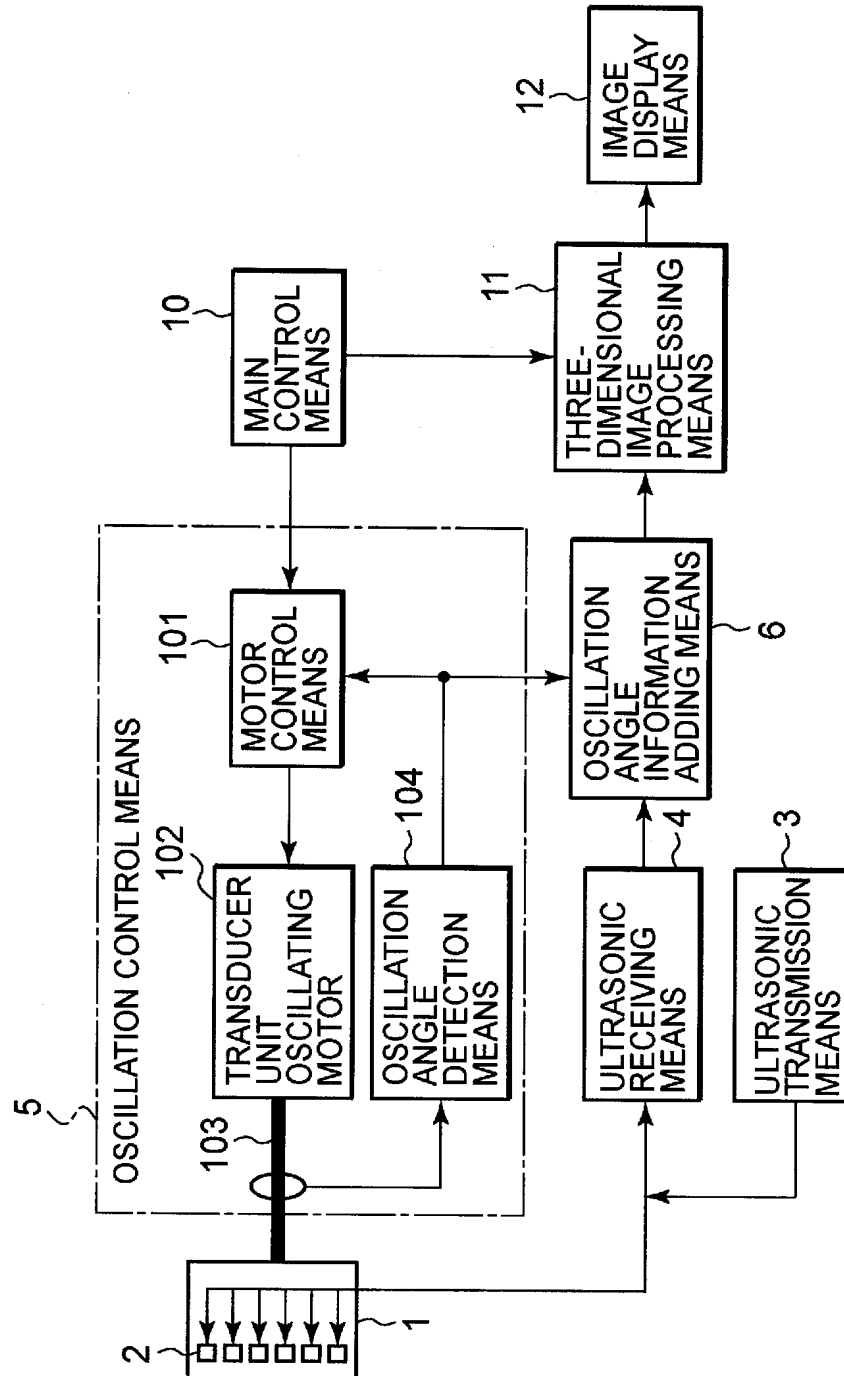


FIG. 6

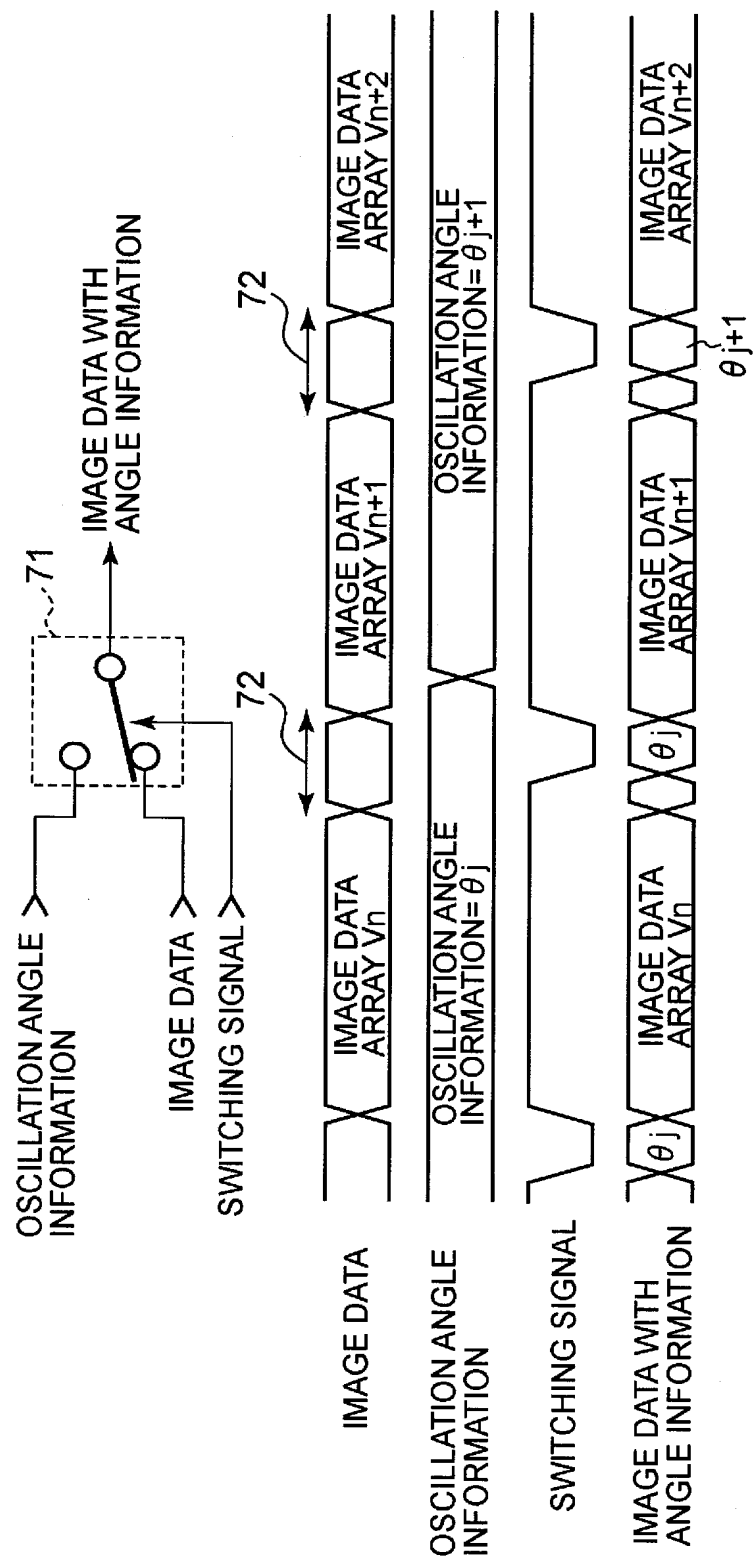


FIG. 7

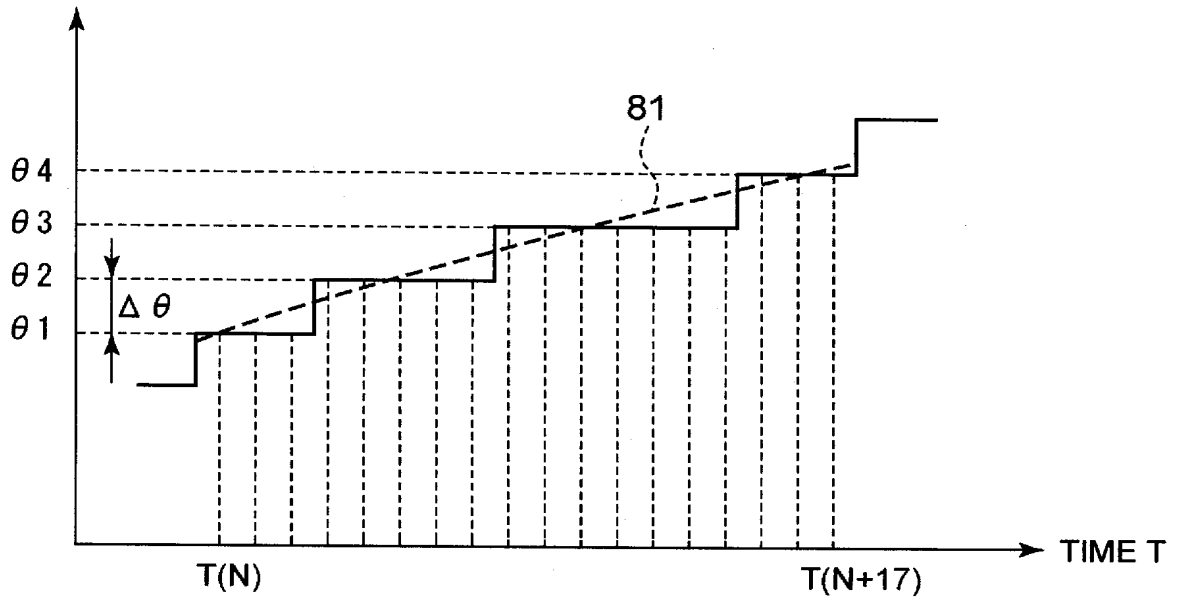
ULTRASONIC TRANSDUCER UNIT
OSCILLATION ANGLE θ 

FIG. 8

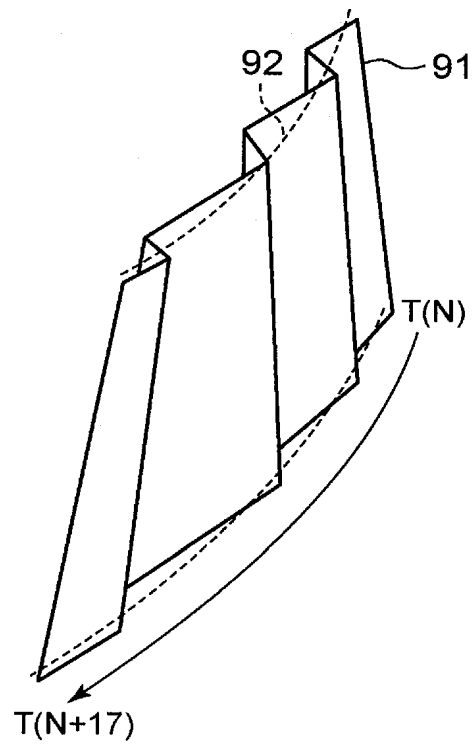


FIG. 9

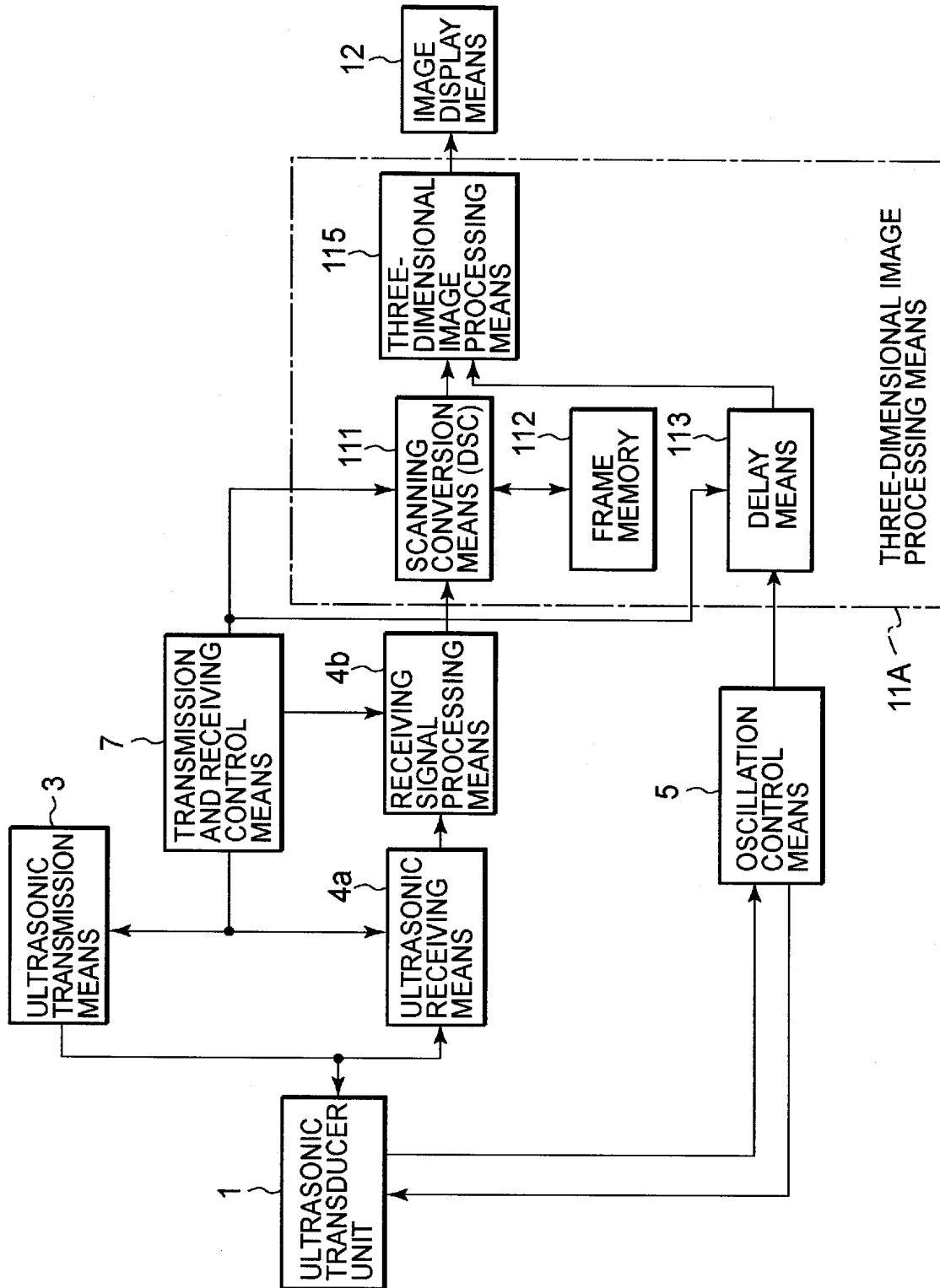


FIG. 10

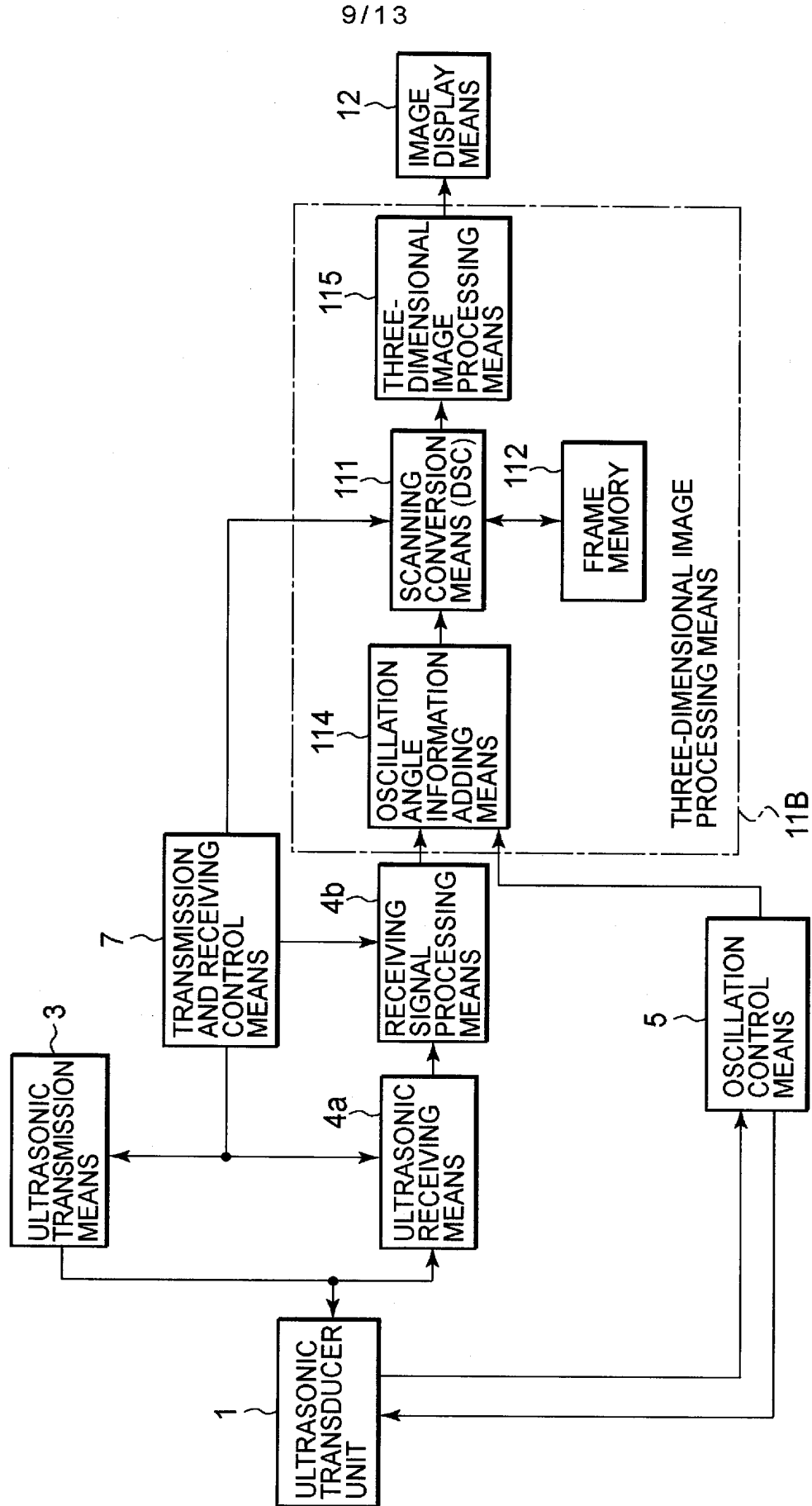


FIG. 11

[illegible]

FIG. 12 PRIOR ART

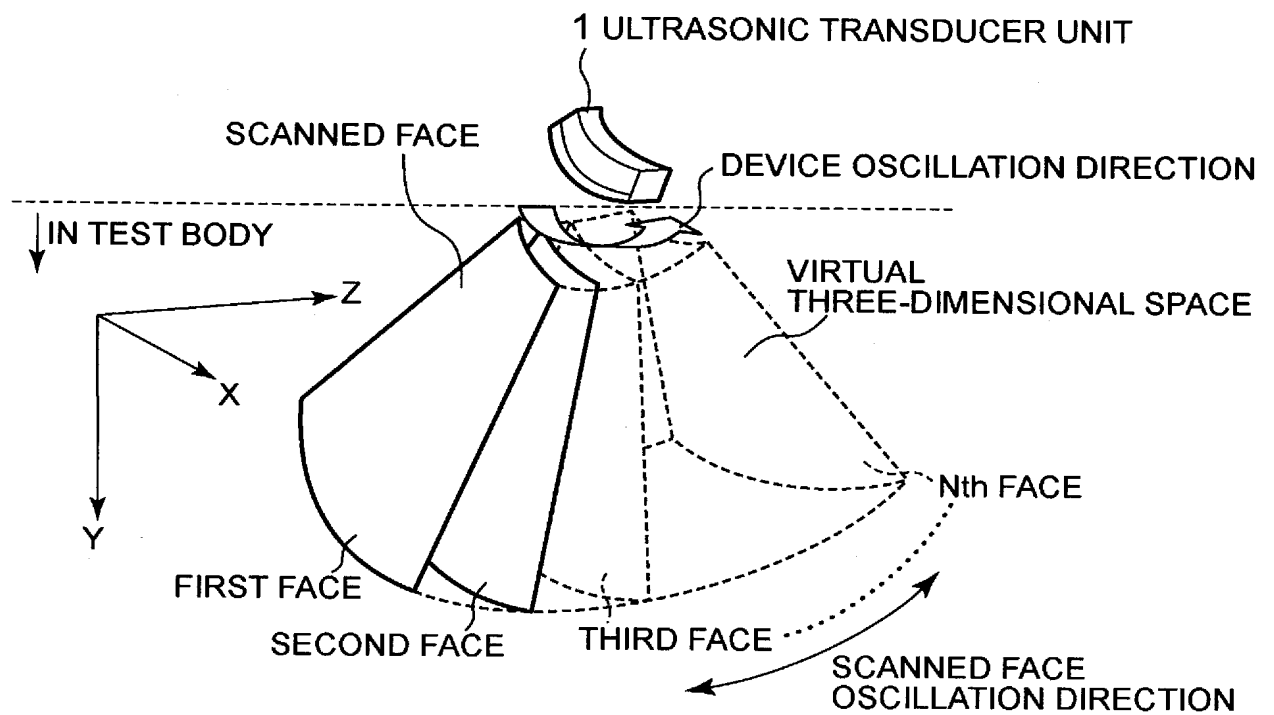


FIG. 13A

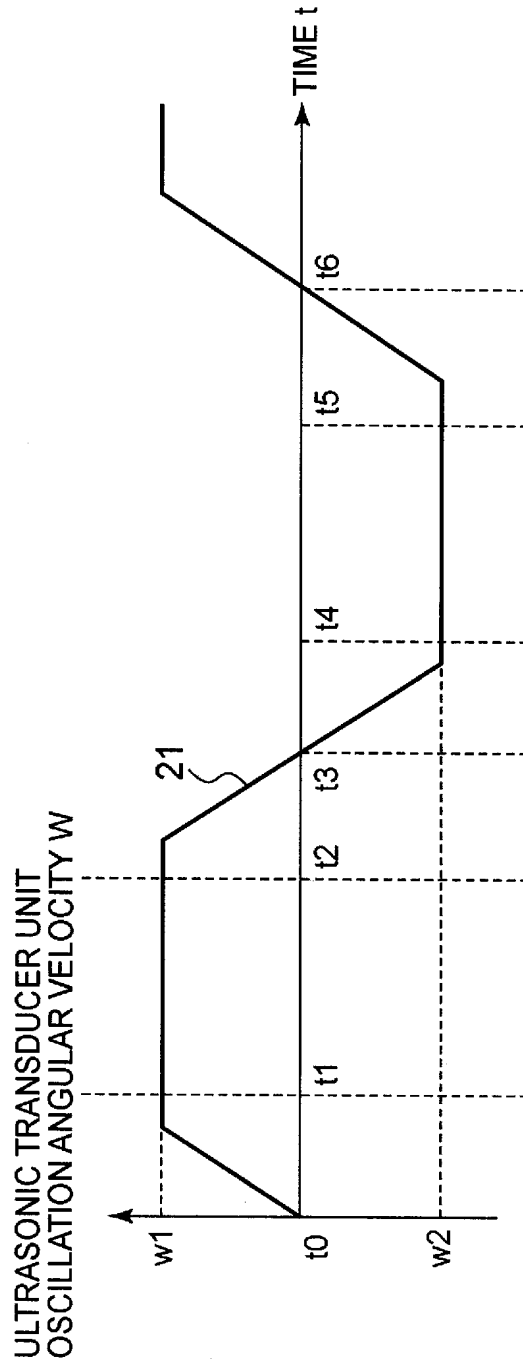


FIG. 13B

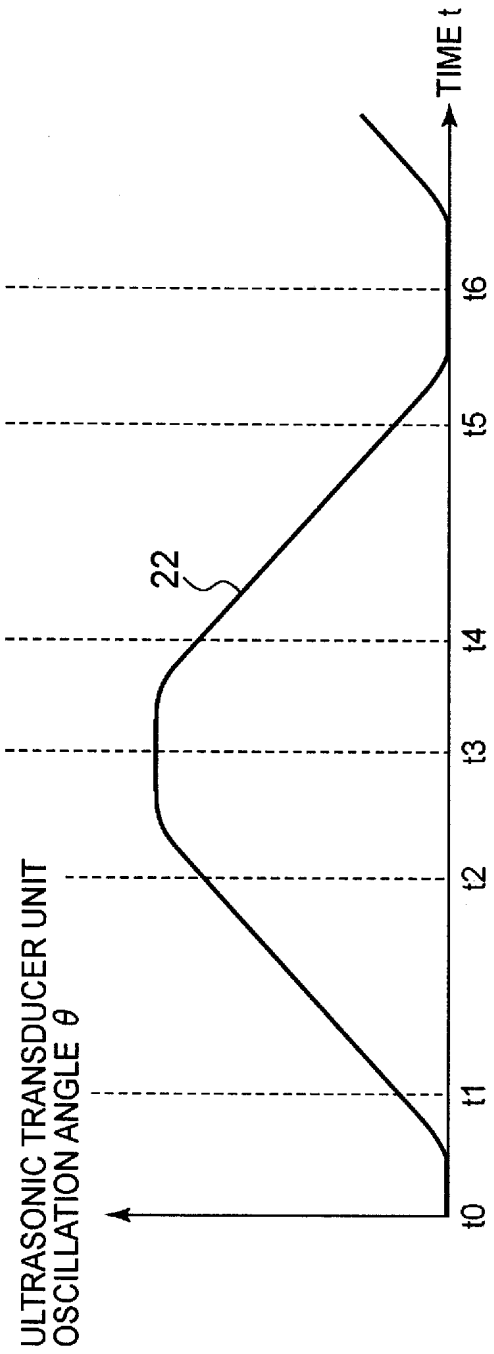


FIG. 14 PRIOR ART

